

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S7	446727	polysiloxane or polyorganosiloxane or polydiorganosiloxane or organopolysiloxane or diorganopolysiloxane or organosilicone or silicone or siloxane or organosiloxane or diorganosiloxane or polydimethylsiloxane or dimethylpolysiloxane or dimethylsiloxane	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/12 10:51
S8	14346	528/10-43.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 11:03
S9	559973	plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 11:03
S10	488	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 11:04
S11	20212	plasma with (cold or "in situ" or low adj pressure or dielectric adj barrier)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 14:42
S12	22	S10 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 11:20
S13	3	"20020192138"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 14:26
S14	260	423/337.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 11:24

## EAST Search History

S15	1	S11 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 11:31
S16	31	S9 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 11:31
S17	127196	"423"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 14:26
S18	26397	liquid near6 (atomiz\$5 or nebuliz\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 16:52
S19	460	S18 same plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 14:28
S20	13	S17 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 14:28
S21	5247	liquid same (oxygen or oxidat\$5 or oxidiz\$3) same plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 17:09
S22	5719	liquid same (oxygen or oxidat\$5 or oxidiz\$3 or ozone or peroxide) same plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 14:36
S23	66531	(process or method or approach or technique) near4 (form\$3 or making or made or make or prepar\$3 or manufactur\$3) near4 ((metal or metalloid or silicon or titanium or zirconium or iron or aluminum or indium or tin or germanium) adj (oxide or dioxide) or silica or titania or zirconia or alumina)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 16:17

## EAST Search History

S24	492	S22 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 14:41
S25	39147	plasma with (cold or "in situ" or low adj pressure or dielectric adj barrier or glow adj discharge or pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 14:43
S26	43066	plasma with (cold or "in situ" or (atmospheric or low) adj pressure or dielectric adj barrier or glow adj discharge or pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 14:43
S27	112	S24 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 15:02
S28	13458	S23.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 15:02
S29	14	S27 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 15:40
S30	58	S24 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 15:40
S31	44	S30 not S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 16:14
S32	28167	(silicon or titanium or zirconium or iron or aluminum or indium or tin or germanium or organometal\$3 or organometalloid or organosilicon or organotitanium or organozirconium or organoaluminum or organotin or organogermanium) near2 liquid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 16:18

## EAST Search History

S33	266	S28 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 16:19
S34	58	S28 with S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 16:19
S35	0	S26 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 16:19
S36	4	S34 and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 16:22
S37	221	S23 with S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 16:22
S38	28	S37 and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 16:22
S39	24	S38 not S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 16:32
S40	6	S19 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 16:38
S41	11280	(low or room or atmospheric) adj temperature near6 plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 16:39
S42	51774	S26 or S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 16:40

## EAST Search History

S43	260	S23 with S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 16:40
S44	453	S23 same S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 16:41
S45	19	S32 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 16:42
S46	111	S32 near6 (atomiz\$5 or nebuliz\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 16:52
S47	7	S28 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 17:05
S49	81375	(oxygen or oxidat\$5 or oxidiz\$3) same plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 17:09
S50	4	S46 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 17:12
S51	27697	(spray\$3 or atomiz\$5 or nebuliz\$3) same plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 17:20
S52	100	S28 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 17:14
S53	15	S26 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 17:14

## EAST Search History

S54	1321	(spray\$3 or atomiz\$5 or nebuliz\$3) near4 liquid same plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 17:20
S55	7	S28 and S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 17:20
S56	7	S55 not S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 17:21
S57	164	S15 or S16 or S20 or S29 or S31 or S36 or S39 or S45 or S47 or S50 or S53 or S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 17:24
S58	22	S24 and S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 17:24
S59	14	S58 not S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 17:28
S60	178	S57 or S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 17:29
S61	151	S17 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 17:29
S62	12	S54 and S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 17:30
S63	749	liquid near3 (source or precursor) with plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 17:32

## EAST Search History

S64	51	S23 and S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 17:32
S65	48	S64 not (S57 or S59 or S62)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/01 17:32

FILE 'CAPPLUS' ENTERED AT 10:06:00 ON 02 MAR 2007  
L1 59779 S (PROCESS OR METHOD OR APPROACH OR TECHNIQUE) (S) (FROM? OR MA  
L2 7731 S ((LOW OR ROOM OR ATMOSPHERIC) (A) TEMPERATURE) (4A) PLASMA  
L3 76 S L1 AND L2  
L4 17186 S (SPRAY OR ATOMIZ? OR NEBULIZ?) (S) (PRECURSOR OR STARTING MAT  
L5 0 S L3 AND L4  
L6 896109 S PLASMA  
L7 17 S L1 AND L4 AND L6  
L8 38771 S L6 (S) (OXYGEN OR OXIDAT? OR OXIDIZ? OR OZONE OR PEROXIDE)  
L9 21237 S (SILICON OR TITANIUM OR ZIRCONIUM OR IRON OR ALUMINUM OR INDI  
L10 595151 S 1 AND 8 AND 9  
L11 2 S L1 AND L8 AND L9

FILE 'STNGUIDE' ENTERED AT 10:18:41 ON 02 MAR 2007  
L12 0 S L6 (P) (OXYGEN OR OXIDAT? OR OXIDIZ? OR OZONE OR PEROXIDE)

FILE 'CAPPLUS' ENTERED AT 10:31:34 ON 02 MAR 2007  
L13 59466 S L6 (P) (OXYGEN OR OXIDAT? OR OXIDIZ? OR OZONE OR PEROXIDE)  
L14 2 S L1 AND L9 AND L13  
L15 0 S L3 AND L9  
L16 1402 S L1 (S) L6  
L17 347 S L13 AND L16  
L18 20514 S (SPRAY? OR ATOMIZ? OR NEBULIZ?) (S) L6  
L19 25 S L17 AND L18